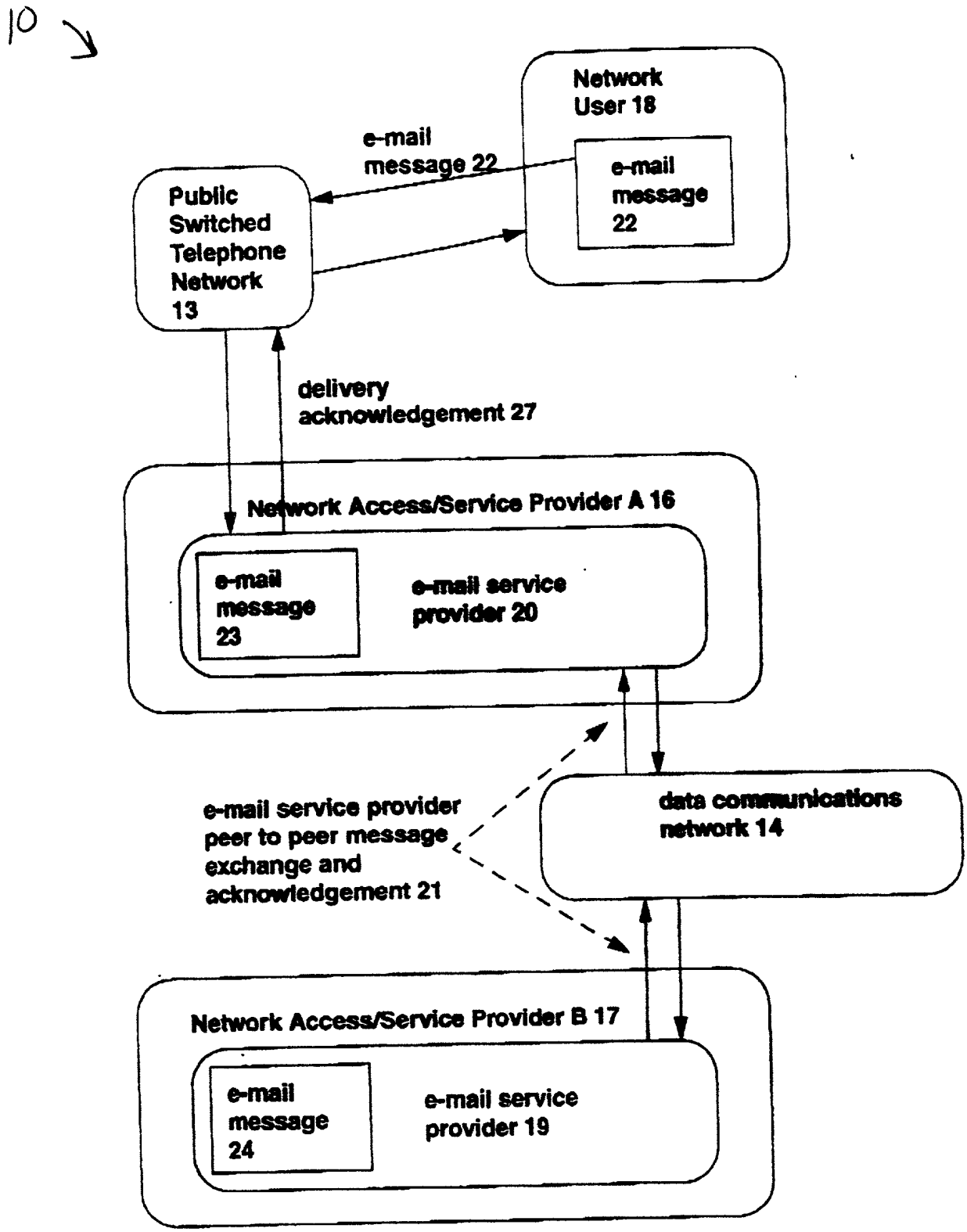


Fig. 1 (PRIOR ART)

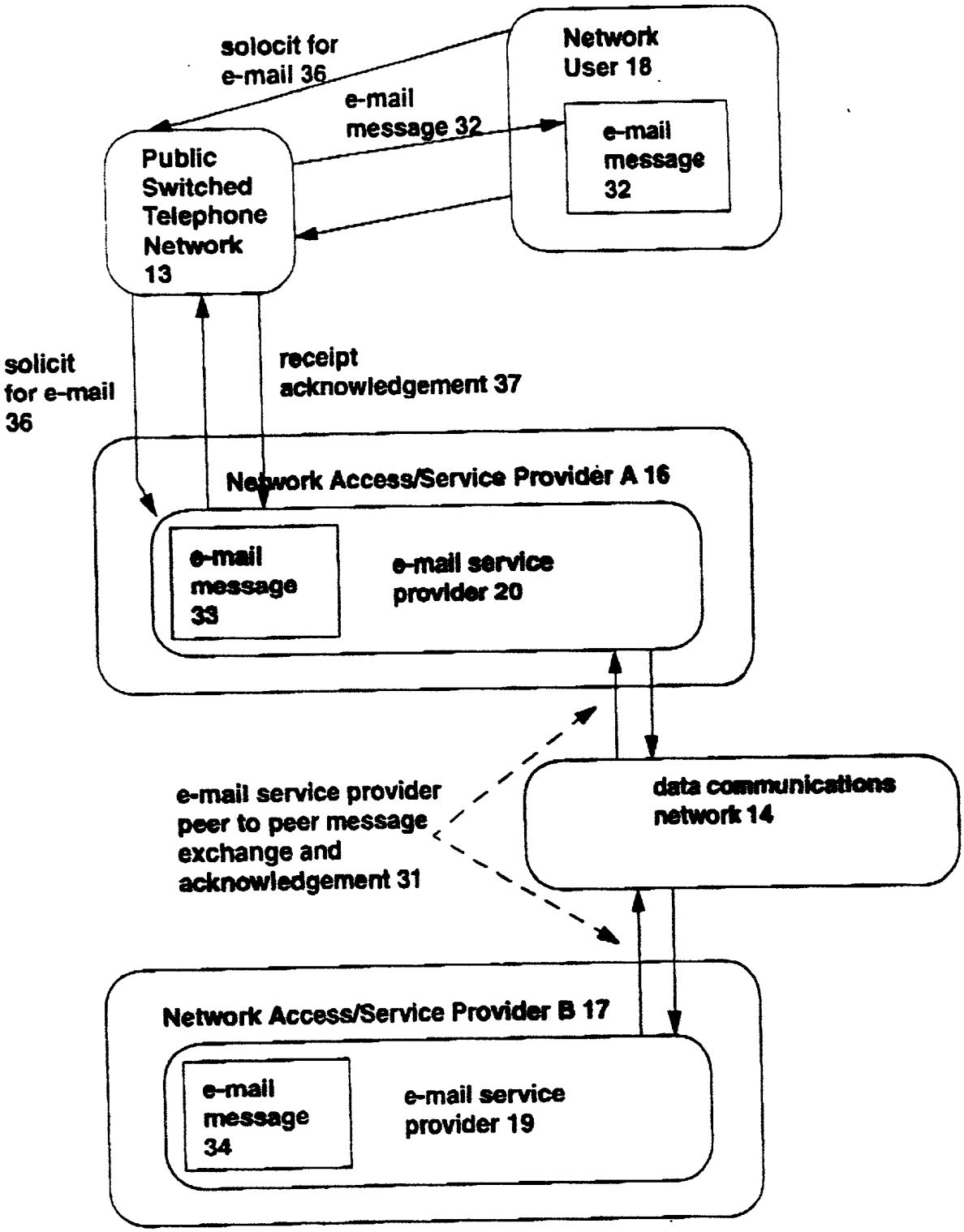


Fig. 2 (PRIOR ART)

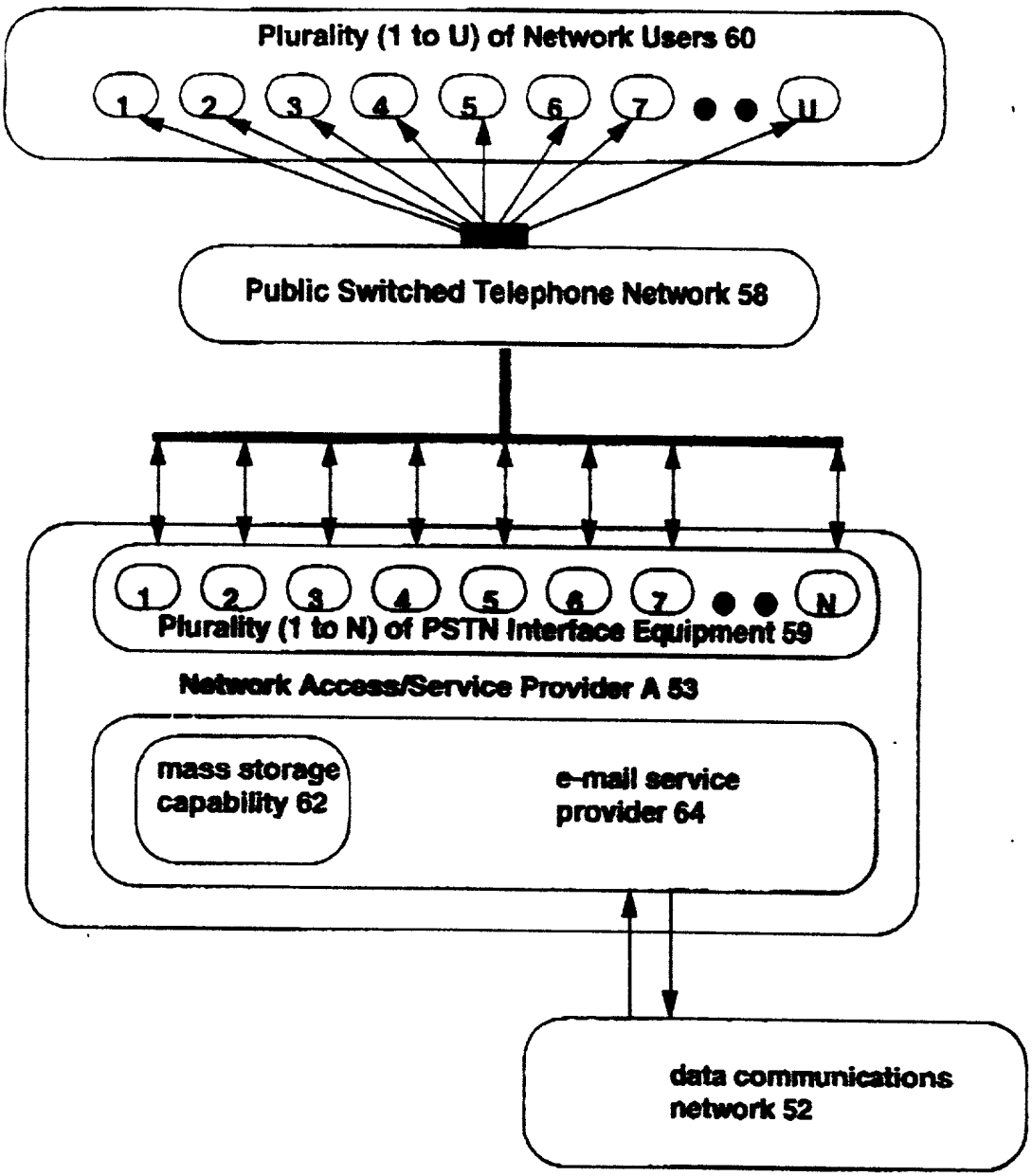


Fig. 3 (Prior Art)

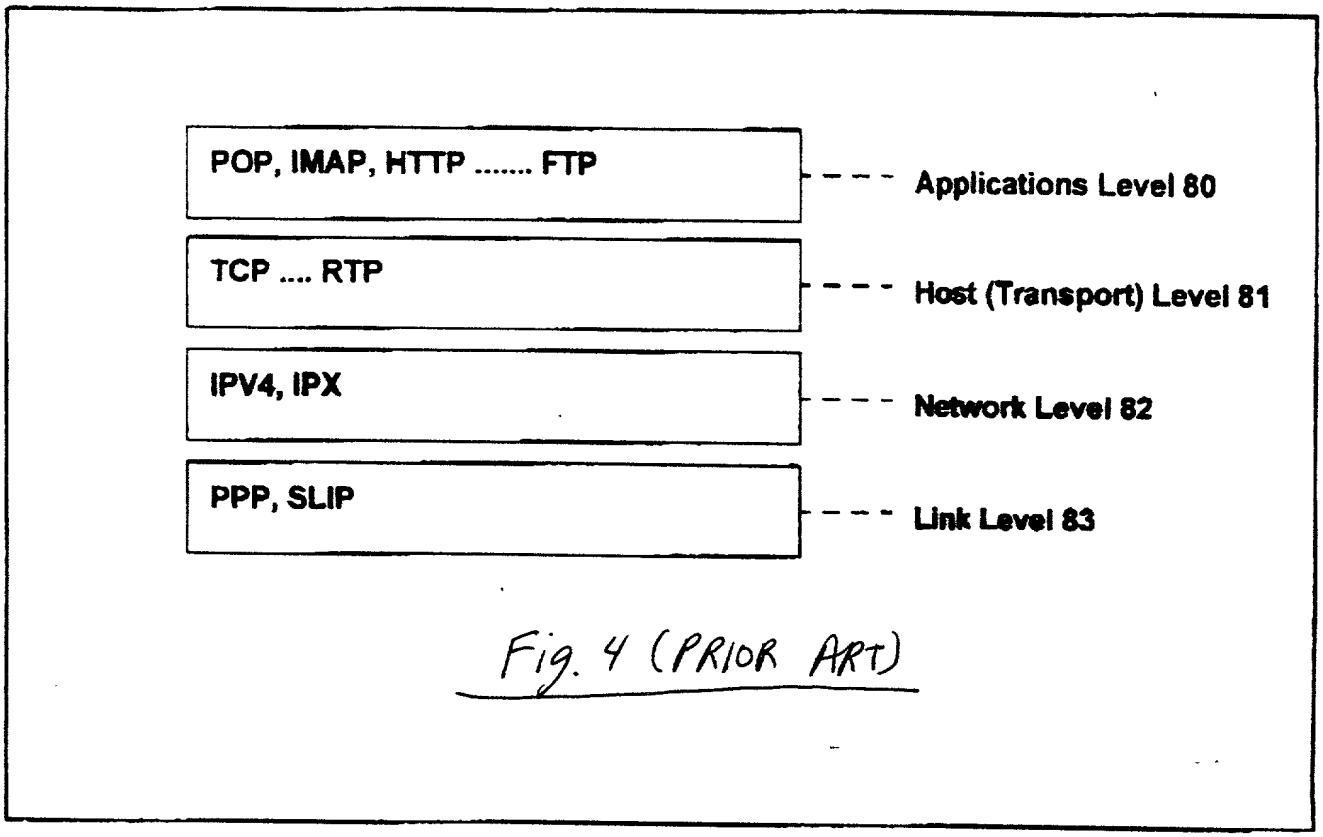


Fig. 4 (PRIOR ART)

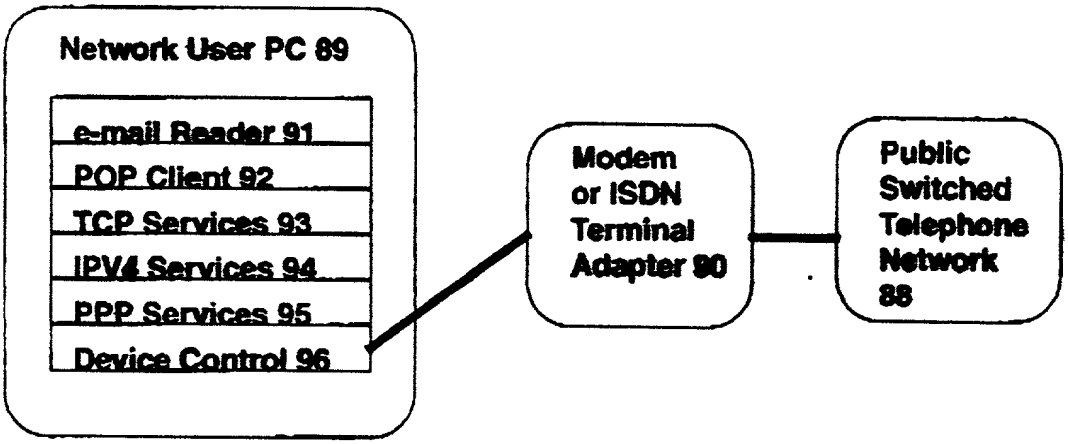


Figure 5 (PRIOR ART)

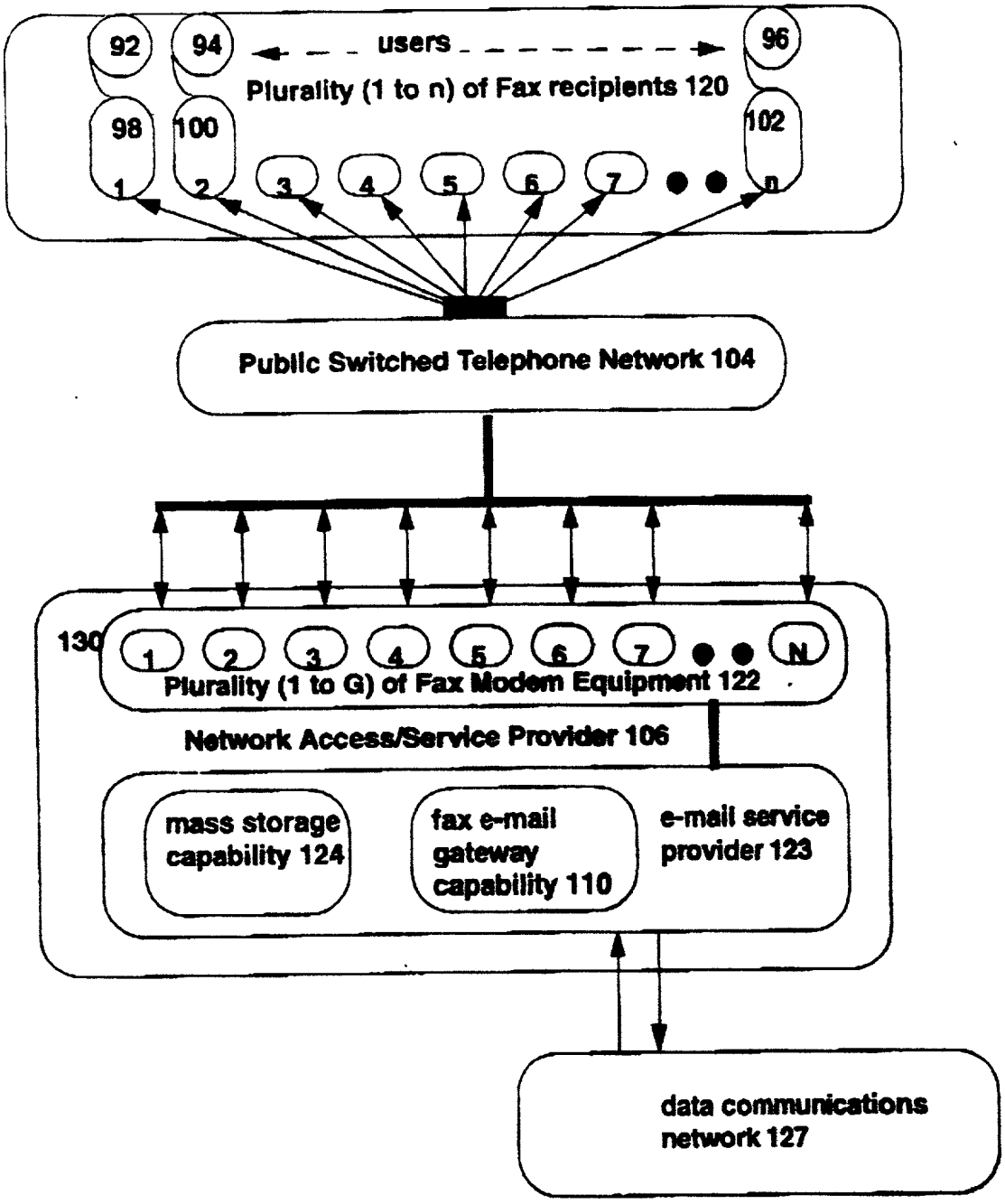
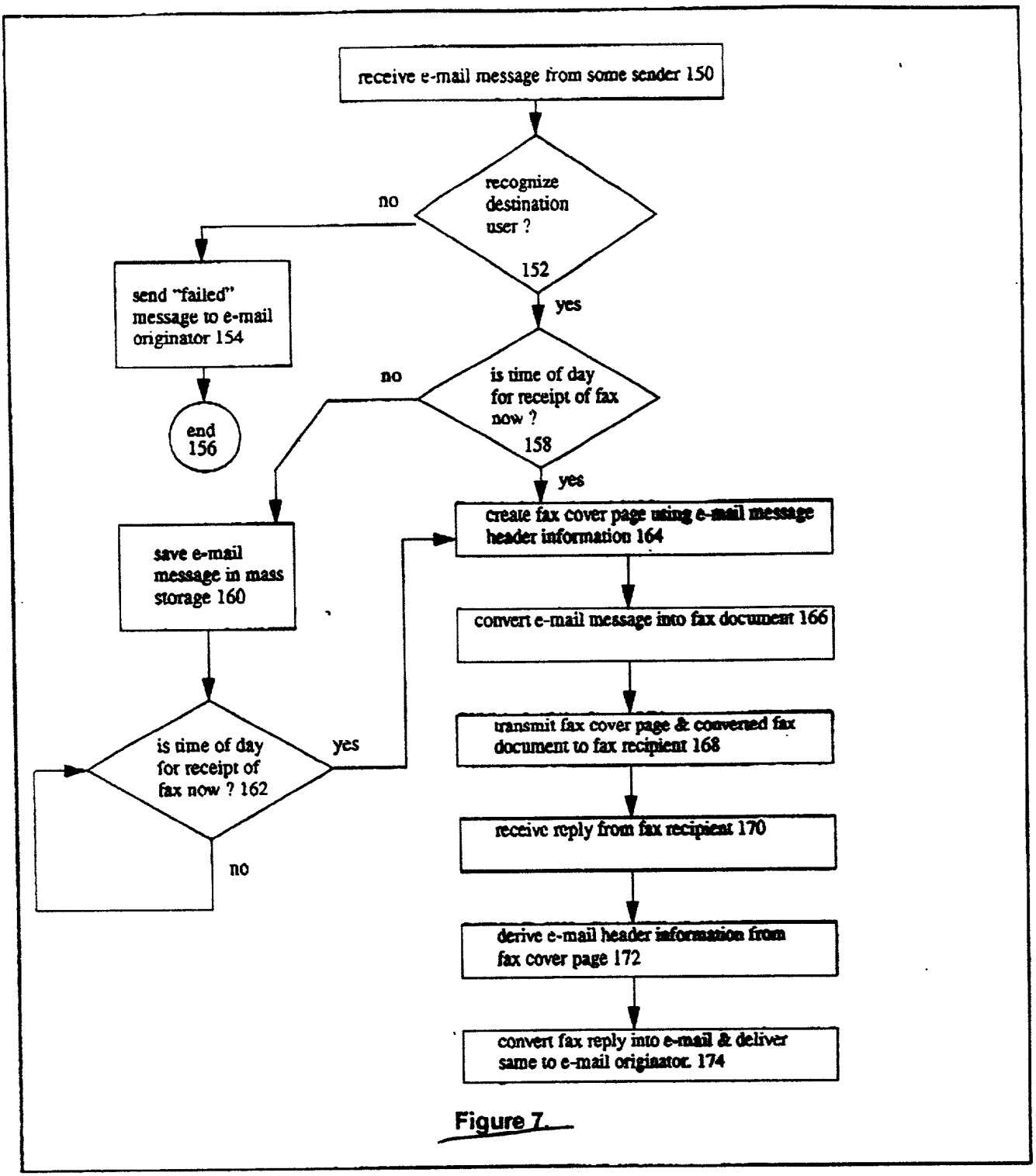

92
94
users
96
Plurality (1 to n) of Fax recipients 120
98
100
102
1
2
3
4
5
6
7
n
Public Switched Telephone Network 104
130
1
2
3
4
5
6
7
N
Plurality (1 to G) of Fax Modem Equipment 122
Network Access/Service Provider 106
mass storage capability 124
fax e-mail gateway capability 110
e-mail service provider 123
data communications network 127

Figure 6.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recognize destination user ?
152
no
yes
send "failed" message to e-mail originator 154
end 156
is time of day for receipt of fax now ?
158
no
yes
save e-mail message in mass storage 160
create fax cover page using e-mail message header information 164
convert e-mail message into fax document 166
transmit fax cover page & converted fax document to fax recipient 168
receive reply from fax recipient 170
derive e-mail header information from fax cover page 172
convert fax reply into e-mail & deliver same to e-mail originator. 174
is time of day for receipt of fax now ? 162
yes
no

Figure 7.

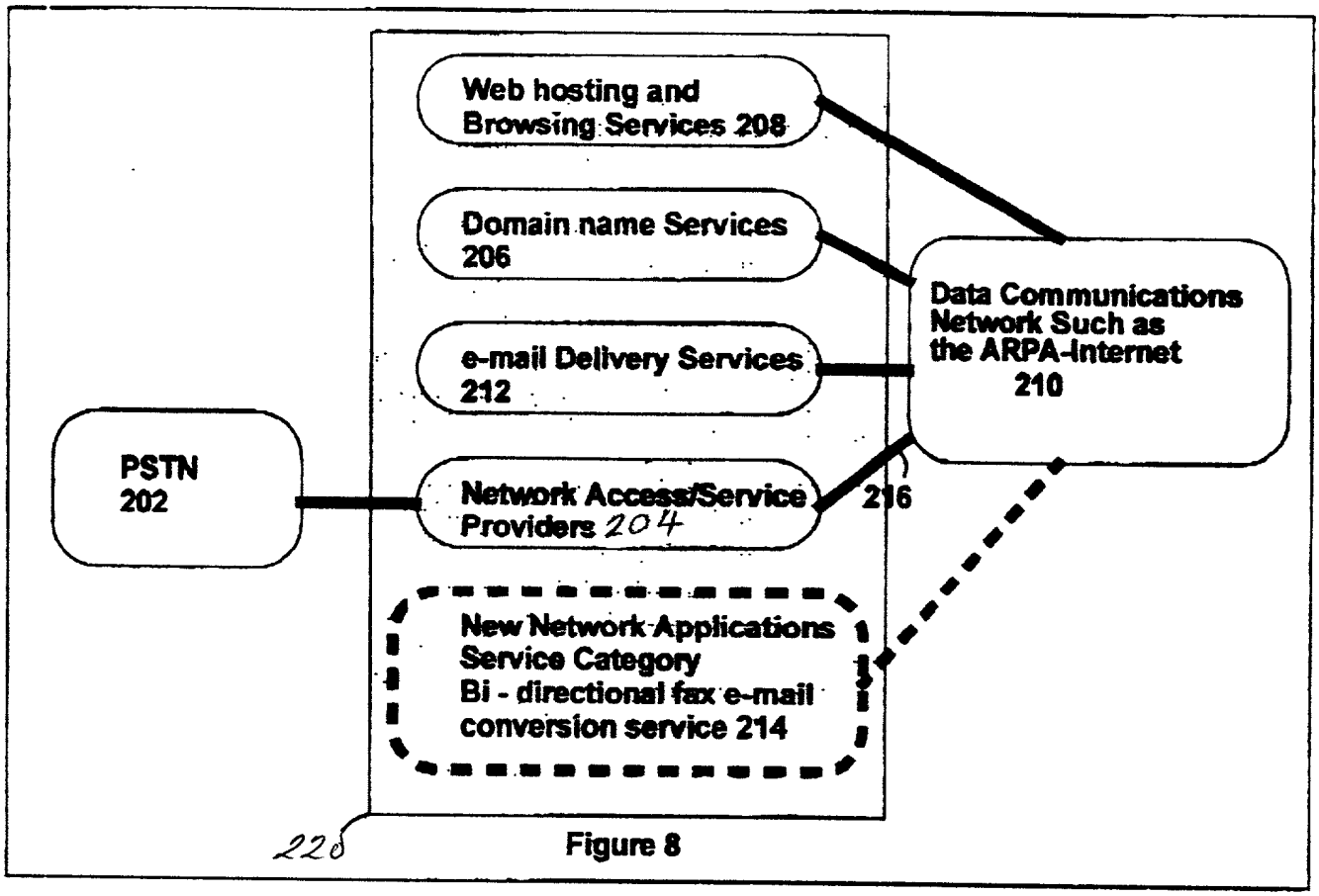
Web hosting and Browsing Services 208
Domain name Services 206
e-mail Delivery Services 212
Network Access/Service Providers 204
New Network Applications Service Category Bi - directional fax e-mail conversion service 214
Data Communications Network Such as the ARPA-Internet 210
PSTN 202
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Figure 8